

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/03/14722

**A. CLASSIFICATION OF SUBJECT MATTER**

|       |            |            |            |            |            |
|-------|------------|------------|------------|------------|------------|
| IPC 7 | C07D237/24 | C07D401/04 | C07D401/12 | C07D413/04 | C07D417/04 |
|       | C07D403/04 | C07D409/12 | A61K31/501 | A61P37/08  |            |

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|----------|--|-----------------------|
| X        | <p>DAL PIAZ, V. ET AL.:<br/>"5-ACYL-6-ARYL-4-NITRO-3(2H)PYRIDAZINONES<br/>A. RELATED 4-AMINO COMPOUNDS"<br/>JOURNAL OF PHARMACEUTICAL SCIENCES.,<br/>vol. 80, no. 4, April 1991 (1991-04),<br/>pages 341-8, XP002221780<br/>AMERICAN PHARMACEUTICAL ASSOCIATION.<br/>WASHINGTON., US<br/>ISSN: 0022-3549<br/>page 341 -page 345; example 4G; table V</p> <p>---</p> <p style="text-align: center;">-/-</p> | 1,23-27               |

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

2 March 2004

10/03/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|----------|--|-----------------------|
| A        | CICIANI, C. DAL PAZ, V.: "SYNTHESIS A. EVALUATION OF IN VITRO ANTITUMOR ACTIVITY OF SOME SUBSTITUTED 5-PYRIDAZINYL-STYRYLKETONES." FARMACO., Vol. 46, no. 7-8, 1991, pages 873-885, XP002250918 SOCIETA CHIMICA ITALIANA, PAVIA., IT ISSN: 0014-827X page 873 -page 877; table 1 | 1,23-27               |
| A        | BARLOCCO, D. ET AL.: "PHENYLPIPERAZINYLALKYLAMINO SUBSTITUTED PYRIDAZINONES" JOURNAL OF MEDICINAL CHEMISTRY., Vol. 44, no. 15, 2001, pages 2403-10, XP002250919 AMERICAN CHEMICAL SOCIETY. WASHINGTON., US ISSN: 0022-2623 page 2403 -page 2404; table 1                         | 1,23-27               |